

The Tech

OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVII NO. 40

CAMBRIDGE, MASSACHUSETTS, FRIDAY, NOVEMBER 15, 1957

5 CENTS

All Hinges On Appropriations

WTBS Adds FM Next Term

WTBS, the Technology Broadcasting System, will be operating as a 250 watt FM station early in 1958 if a grant of \$12,500 for new equipment can be obtained within the next few weeks. Roy F. Thorpe '58, station manager of the campus radio station, made this statement yesterday. It came as the most recent development in what may well be the climax of a campaign to establish an FM station serving the MIT community.

Tuesday, Thorpe submitted a request for the amount to the Activities Development Board. Professor Robert W. Mann, chairman of the seven-man board, which includes Deans Rule and Holden, and U.A.P. Arnie Amstutz, said the request was well received and is under consideration now. Mann is optimistic.

Arnie Amstutz in a statement said WTBS made a good presentation of their case. If all goes well the money should be forthcoming in a few weeks as either a grant through the administration or a direct solicitation through the Development Fund. The U.A.P. also saw the proposed station as an instantaneous means of reaching the entire student body and an unequalled cohesive influence on the MIT students.

FM Broadcast by Other Stations
Unanimous endorsement by the WTBS staff of the all out attempt to get an FM station on campus came Monday night at the station meeting. The station manager of the Harvard FM station was the featured speaker, and he outlined that school's success with 250-watt commercial FM. Since May, when the station was established, they have netted \$20,000. However, WTBS has put their goal as a self-supporting station.

Campus FM is nothing new. RPI and Princeton as well as Harvard have 250-watt stations. There is talk that Harvard may go to one kilowatt soon, which will mean much more work for an unsalaried staff.

Roger C. Buck '58, Technical Manager of WTBS, says FM will mean at least 36 hours of broadcasting a week, and there will be a lot more responsibility. Records of news programs will have to be kept for as long as a year.

As insurance the station will probably incorporate. Roy Thorpe also points out that an Advisory Committee will be set up before the station goes into operation with the power to request and receive revision of any program policies. This committee should include such men as Volta Carey, Director of TV at MIT.

Roger Buck feels that the F.C.C. will be very cooperative. He points out that they are at present pushing FM, and there are at present 11 stations broadcasting around Boston. Boston leads the country with an amazing 47% of the population in access to a receiver.

PRC News Service To Begin Operations

To establish a focal point for the information about student, administrative, and faculty events that affect the MIT community, a new campus news agency, under the Public Relations Committee, has been inaugurated.

Requests for information should be directed to this office, where a complete calendar of events, as well as noteworthy campus news, will be recorded. This information will be supplied to *The Tech* and WTBS for further publicity. For this service, the agency will depend considerably on the cooperation of the entire student body, for only through it can they obtain all the information that will be needed to make the agency successful. For other leads, the group will keep constantly in touch with members of the administration and faculty.

Beginning this week, the offices in Walker 032 will be manned from 9 to 5 daily; all information can be obtained in or obtained there or by calling ex. 3680.

Stratton Starts Term As President Calls First Duty "To Students"

President Stratton has cited the primary responsibility of the Institute as an academic one. Speaking to the press, shortly after taking office, he said, "In the long term, the strength of our scientific and technological program will depend on the caliber of the scientists and engineers we turn out. Here at MIT, our first responsibility is to our students."

At the same time, Dr. Stratton noted the Institute's "responsibility to the national interest," calling MIT "part of this country's arsenal of defense."

Dr. Stratton foresees a greater availability of funds for basic research in this country in the near future. For example, he expects an expanded program

of high-energy particle accelerator construction. At MIT, he expects that, in a certain sense, there will be more basic research conducted. But he pointed out that the output of basic research and applied research programs cannot be measured in the same terms. In considering basic research, not only the output, but also the "state of mind with regard to science in the Department of Defense" is of importance. And, he added, the recent attitude of the Defense Department has not been wholly favorable.

The Attitude Barrier

Referring to the period last spring when cutbacks in research spending were ordered, Dr. Stratton said: "The most serious aspect last spring was the climate in which science seemed to be working. That was the barrier which no one knew how to face."

The cutbacks, he said, brought MIT to the brink of a revamping, but "MIT has not suffered seriously so far" and "we should be able to recoup."

Point of No Return

Concerning applied research, Dr. Stratton said this: "MIT, since 1940, has been deeply involved in applied research. At the end of the war we anticipated a return to our academic ways, but this was not to be." He cited particularly Lincoln Lab and the Instrumentation Lab as two projects which have contributed a great deal to the defense program and which will continue in operation for a long time to come.

Summing up, Dr. Stratton foresees "no change in emphasis" at the Institute. "MIT is now at a point of great vitality and great movement," he said.

Dr. Stratton paid tribute to Dr. Killian's "great and personal contributions" to the Institute, and repeatedly expressed the hope that he will be able to return to the MIT presidency soon.

To the reporter who asked Dr. Stratton whether he had, as of that moment, already assumed the role of President, he dropped his voice to a firm, but slightly quivering, whispered "yes".

Inscomm By-Law Amendment Would Cut Class Representation

An amendment to the Institute Committee By-Laws cutting class representation on Inscomm in half was proposed by Bob Jordan '58, Inter Fraternity Conference Chairman, at the November 7 meeting.

At present, Inscomm By-Laws provide for "two representatives from each class consisting of the president of the class and a representative elected at large from and by the class." Jordan proposes that the four seats now held by non-presidential class representatives be eliminated, and that the President of the Athletic Association, the President of the Technology Community Association, and the Chairman of the Managing Board of *The Tech* be added to the roster of Inscomm members. If the amendment is passed, the three extra-curricular representatives would take their seats immediately, but the four non-presidential class representatives would serve out the term to which they had been duly elected in accordance with the existing rules.

Jordan's Stand

It is Jordan's feeling that such a change would make representation on the Institute Committee "a more accurate reflection of interest and action groups on campus." He feels that the class here at Tech is an "arbitrary division" in whose functions we do not participate with regularity.

UMOC Contest Will Get Underway Soon; Money Means Votes

Alpha Phi Omega has announced plans for its fifth annual "Ugliest Man On Campus" contest, to be run here within the next month.

Petitions for entry in the contest will be available November 18 on West Campus from Bob Berk, Baker 318, or Dick Rosenthal, Atkinson 203, for East Campus. Fraternity men can get application blanks from Jack Forrest at CI 7-8914 or 518 Beacon Street.

These petitions must be returned, signed by 100 Tech students, to one of the above by midnight, Monday, November 25. Ten finalists will be chosen for the title.

Money Talks

The voting is in the form of donations to the Boy Scout movement in the Boston area. One cent in the ballot box of a candidate represents one vote. Unlike most elections, there is no limit to the number of votes an individual can cast.

Voting starts December 9, and will continue until the final barrage shortly before 5:30 p.m., Thursday, December 12.

This year's winner will be announced Friday, December 13. That evening he will have a date with the prize, not yet chosen.

Last year, Eric Jorgenson '60, sponsored by Sigma Phi Epsilon, was the victor.

ty. He maintains that the "class representative has few real ties with those he professes to represent, chiefly because his constituency is nebulously organized, wide-spread, and generally interested in more immediate and realistic things than class organization. What need the classes have for representation can be fully met by the class presidents."

The IFC Chairman maintains that Inscomm should be composed of men who represent student groups which affect undergrad activities in broad fields such as the AA, TCA, and *The Tech*. He thinks that these three groups represent a good compromise between an unwieldy Inscomm which seats reps from all activities and an Inscomm which seats no activity reps at all.

Why Class Reps?

Why are there any class representatives at all? The system of having two representatives for each class is a remnant of the previous Institute Committee organization which was composed of a member of each class "A" activity and three representatives including the president from each class. This structure was too cumbersome with which to work, and was replaced by the present set-up. Now Inscomm consists of a president, vice-president, a representative from each of the four men's dorms, three fraternity spokesmen, two commuter reps, eight class representatives, and the President of the Activities Council who is presently the sole spokesman for the many extra-curriculars on campus.

Trend Continues

Jordan's proposal would apparently continue the trend toward representation by living group and interest group rather than by class, and place decision making with those organizations which are primary determinants in student life.

Tech Soccer Team Takes Number Seven; Topples Big Green 4-2 In Season's Finale

The MIT soccer team finished a successful season last Saturday by defeating Dartmouth 4-2. The booters have a 7 win, 1 loss, 1 tie record for the season; the best in many years.

Tech started the day right by scoring early in the first quarter. After 2 minutes of play a shot from Manny Penna '60 bounced off one of the Dartmouth fullbacks and into the goal, which was protected by many players in that vicinity.

Eight minutes later Rudy Villavicencio '60 dribbled through the center and shot, but the ball rebounded off the Big Green goalie. Picked up immediately by Tech, it was dribbled across the front of the goal, and shot across for the second Tech goal by Reinaldo Doval '58. In this

(Continued on page 6)

Man In The News; Julius A. Stratton

Dr. Julius A. Stratton, acting president of MIT, holds a distinguished record of service both to MIT and to the nation. Not only has he been successively provost, vice-president, and chancellor of the Institute, but he has served the United States as a scientific administrator and adviser.

Dr. Stratton, 56, was a native of Seattle, Washington. After one year at the University of Washington, he transferred to MIT, where he took his B.S. and his M.S. He completed his studies with an Sc.D. in Zurich, Switzerland. While at MIT, Stratton, known as "Strat" to his classmates, was a member of the Electrical Engineering Professional Society and Secretary of the Radio Society.

Stratton Joins MIT Staff

After completing his education, Dr. Stratton joined the MIT staff as an electrical engineering assistant. During World War II, he worked in MIT's Radiation Project, and was a consultant to the Secretary of War on radar and fire control. After this assignment, Dr. Stratton organized and directed the Research Laboratory of Electronics.

On April 15, 1949, Dr. Stratton became the first member of the academic staff to hold the office of Provost of the Institute. In 1951, he was elevated to Vice-President in charge of academic administration; five years later, the Corporation created the post of chancellor and immediately selected Dr. Stratton to fill the new position, which was second in power to the Presidency. Last week, he became acting president of the Institution.

Awards and Honors

Dr. Stratton has received much distinction for his work in science and education. He is presently a member of the American Association for the Advancement of Science, the American Physical Society, the Institute of Radio Engineers, the National Academy of Sciences, Tau Beta Pi, and Sigma Xi. He received the U. S. Medal of Merit in 1947, and the IRE Medal of Honor last March. He is a member of the Ford Foundation and the National Science Board.

Perhaps the clearest statement of Dr. Stratton's idea of science and engineering was made during the groundbreaking ceremonies for the 6-bev synchrotron two weeks ago. Dr. Stratton said, "I firmly believe that money is no substitute for scientific leadership."



photo by Paul Hogle
An MIT booter fights for the ball in Tech's 4-2 victory over Dartmouth. The win was the Beaver's seventh and ended the season for the team.

The Tech



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editorial

Dr. Killian's appointment as Special Assistant for Science and Technology should be welcomed by those who see in our defense program a muddle of cross-purposes, duplications of effort, and inter-service banner-waving. That there is much to be done in correcting this situation has been demonstrated overwhelmingly to the public—and has been acknowledged publicly by the President. Dr. Killian is not the only man who must provide a remedy, but in a newly-created key position he will do well to see his job through speedily and thoroughly with the kind of perseverance we have come to expect of him.

Much has been said in the past week about un-cutting-back appropriations for research, about rebuilding our secondary school curricula to include more science, about hurrying (now that the cobwebs are sure to be swept away) to catch up with Soviet satellite progress. We are on the verge of a crash program of unforeseen scale now that one spectacular example of Russian technical excellence has shaken the administration and the American public into some kind of action.

There is little doubt that the implications of recent events are sufficient reason to force an about-face of this sort. And it is an about-face because, assuming the President does what he says he will do, the relative order of distinctly "American" values will undergo change. The veneration of tailfins may someday give way to the veneration of science.

However, the prospects of a cultural about-face remain slight. It will take a gigantic effort to place science on a level where it is appreciated for itself—and not merely tolerated for purely practical reasons. Hopefully, a program for raising the prestige of science in the secondary schools will be carried out with this larger objective in mind.

* * * * *

The nation has recognized a dangerous situation and has declared a state of semi-emergency to meet and correct it. But there is also potential danger in the kind of attitude which tends to prevail when things urgently demand doing. The issue here is not that we might proceed rashly in hurrying to catch up with the Soviets, although this is certainly conceivable. Above all, it is the new concentration of authority necessary for getting things done that is the basic issue. As a temporary expedient, the new center of power is unavoidable; it is to be hoped that the public will have no use for it except as such.

review

Part Of The Moon

The MIT Community Players, under the direction of Professor William C. Greene, opened their season with a production of *Dark of the Moon* by Howard Richardson and William Berney. *Dark of the Moon* is a stage presentation of the Barbara Allen legend. A witch boy (Wayne Westland) falls in love with Barbara Allen (Ann Chase) and is made human with the provision that she must remain faithful to him for one year or he will become a witch again. The play alternates between eerie scenes between the witches and bits of comedy and local color involving the townspeople of Buck Creek in the Smoky Mountains. The play is a study in the customs of this almost primitive society—their belief in witches, their religion, their songs, etc. This primitivism is revealed almost whenever the group assembles—in the general store when they tell one of their weird legends in verse, or in church where they hold a real "hell-fire and brimstone" revival meeting also in verse. The rhythm used on these two occasions almost reminded one of Vachel Lindsay's *The Congo*—another study in primitivism.

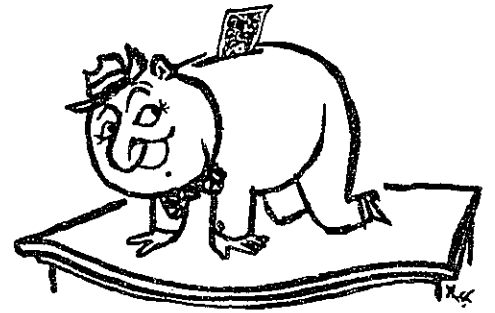
The emotional effect of the play upon the audience may be partly explained by the many archetypes or primordial images it contains. Maude Bodkin in her book *Archetypal Patterns in Poetry* has shown that there are certain fundamental patterns that people universally seem to react to. These have been studied by the psychologist Carl Jung who has shown that these patterns go back to primitive societies where they were quite meaningful in the lives of these primitive people. For some reason these patterns or archetypes still cause reactions when presented in literature or otherwise—almost as if some resonance frequency were hit. This play contains many of these archetypes such as the darkening of the moon (an eclipse was a very mystical thing to early man), the rebirth of the witch-boy, and the almost sacrificial burning of the witch-baby. The revival meeting at the end is very similar to the Bacchic rituals of the early Greeks—the people intoxicating themselves with song and religion until they "feel the spirit."

All in all *Dark of the Moon* makes for an exciting evening. Prof. Greene has done a fine job of presenting both the supernatural and local color aspects of the play. There's lots of singin' an' dancin' an' han' clappin' an' banjo strummin' an' guitar strummin'. And over all of this there is the awesome presence of the witch-boy and the witches who want him back.

The MIT community owes a great debt to Professor Joseph Everingham and the MIT Dramashop for bringing a fine production of Shakespeare's *Othello* to Kresge Auditorium last Saturday. The entire cast was excellent especially Tony van Bridge who was very convincing in the title role. For my own taste Max Helpmann was a little too villainous (complete with black beard) as Iago and perhaps Dawn Greenhalgh was a bit too sweet as Desdemona, but these are small criticisms of a superb production.

Robert Frost, the original white-haired poet of New England, lectured to a SRO crowd at the Ford Hall Forum last Sunday evening. In addition to reading poems selected by the audience, poet Frost made caustic comments on the world about him. We are so afraid, he said, that we are leaving the *spirit* behind as we rush into the *material*, that at MIT "ya can take half your courses in Shakespeare and Melville." About recent Soviet advances in science Frost said, so what if they get a rocket to the moon—"the cow jumped over the moon a long time ago."

—Thomas N. Margulis '59



THE LITTLE SAVER

Among America's great savers, George T. Coffee is a legend. One day, George discovered that by going to sleep with his shoes on, he could save a full 60 seconds dressing in the morning. Multiplying this by 365 days—gave him over 6 hours saved per year. Then, multiplying this by 8 years—gave him 48 hours—or two full days saved! George was giddy. "Think of it," he mused. "Two full days saved to do anything . . . read, sleep or go to Europe!"

Another time, George passed a store that advertised "Save \$50 When You Buy These \$100 Suits!" George immediately saw the fantastic opportunity . . . realizing that he could save \$100 by *not* buying any of these suits. Thereupon, he proceeded *not* to buy ten suits and rolled up a tidy \$1,000 in a few seconds.

However, the best saving George ever did by far—was

when he happened on the Van Heusen Vantage Shirt. Vantage is a shirt you don't have to iron . . . so you save on laundry bills. Wash it—hang it up to dry—that's all. "So what," you sneer, "aren't there other shirts that can do the same thing?" "Mebbe," we sneer, "but Vantage is a cotton shirt—with all of cotton's natural softness, porosity and comfort. And it only costs \$5!"

Men—grab a pencil in your fist. Figure out your laundry bill for shirts for a year. Then figure out the price for seven Vantage shirts. You'll find that Vantage shirts actually pay for themselves in the laundry bills you save! See you at the bank.

P.S. You can also save yourself the trouble of searching for lost collar-stays. For Vantage shirts have Collarite sewn-in stays which can't get lost, keep the collar neat, always.

Open Letter to the MECHANICAL AND METALLURGICAL ENGINEER

Are you aware of the fact that over 40 per cent of our sales are in the non-chemical field; that we manufacture such products as "Winchester" firearms, "Western" brass, "Western" cartridges, "Ramset" powder actuated tools, "Olin" aluminum, "Frostkraft" packaging materials and "Ecusta" fine papers?

We are completing the construction of a multi-million dollar aluminum fabricating plant near Clarington, Ohio, and are expanding our nuclear fuel program at New Haven, Connecticut. We have recently established a Metallurgical Research Division and are in the process of staffing it.

As you can see, these are the types of operations requiring engineers such as yourself. For more detailed information, you should contact your placement office.

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THE DOCTOR

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OKUM

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M.I.T. LETTERS ON THE BACK

\$14.50

The Technology Coop

Provisional Class B Status Taken From Europe Flight Group

The Institute's policies regarding student enterprises on campus were brought to bear last week on the "Charter Flight to Europe", when, in a meeting with Dean Rule and consulting lawyers, the group was instructed to delete the name of MIT from all future publicity. Although Activities Council had examined and tentatively approved the group's constitution and by-laws two weeks ago, it will now be obliged to withdraw the provisional Class "B" status granted at that time.

Dean Rule pointed out that the "Charter Flight to Europe" is essentially a contractual relationship between a group of people for the purpose of hiring a plane, and could not be considered a club group in the ordinary sense of the term. The charter flights must, therefore, be classified along with the other goods and services offered privately by students. Dean Rule will certify, upon request, that all passengers on the flights are members of the MIT community; he cannot, however, give it official sanction on the part of the administration, nor can he allow it to be sanctioned by the Undergraduate Association.

The group will still have the Secretariat's permission to use the bulletin boards, a right usually denied to non-recognized activities.

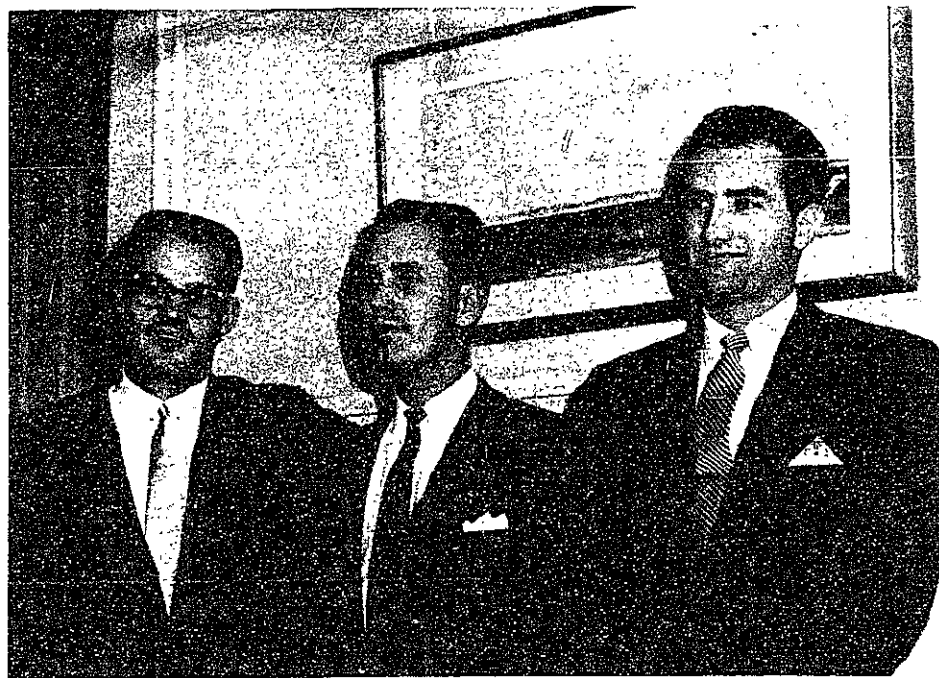


photo by Louis Nelson

As part of a team, traveling to colleges throughout the country, these three All Americans spoke during the past week in the dorms and several of the MIT fraternities, sharing their Christian experiences, under the auspices of the "Campus Crusade for Christ." They are: Bob Davenport, UCLA football; Don Botsford, Toronto hockey; and Roy Thompson, Rice track.

Urban Problems To Be Studied By New MIT Research Center

A Center for Urban and Regional Studies will be established at MIT on Saturday, November 16, to undertake a unique program of research on the physical form of cities. Dr. Lloyd Rodwin of the School of Architecture has been appointed director of this new center.

"Few question that most of our cities are ugly, uncomfortable, expensive, and inefficient," said Dr. Rodwin commenting on the Center, "but there is all too little systematic research on what we can do about it. We hope to do in the Center the kind of research that will provide a more adequate understanding of urban processes and of their adequacy in meeting human needs."

New Methods

Continuing, Rodwin said, "Not only will our research use some of the new mathematical and analytical tools of science and engineering, but our study techniques will range from theoretical models to relevant historical investigations, case studies, descriptive and comparative analyses, and design research. When necessary new methods will be developed."

The Center is especially interested in studying about the following four topics: transportation, housing, technology, and developing areas.

Research will stress the possibility of applying network theory and communication theory to the problems in the transportation field including alternative methods of handling the mass movement of goods and people. It will also attempt to assess the effect of such possible innovations as the adaptation of the helicopter and electronically controlled highways.

Housing Dominates

According to experts at MIT, housing dominates the physical environment of the city and is one of its most dynamic elements. Current influences creating changes in urban housing include the impact of new mass construction techniques, programs of public housing and urban renewal, and the rising income of the American people.

Under the topic of technology the Center hopes to develop use of new technological ideas. Chemical treatment of wastes, for example, instead of the old water-borne disposal system will be considered.

The MIT Center for Urban and Regional Studies will also do research on the problems of growth in the underdeveloped areas of the world.

Other topics which the Center will consider include urban growth and structure, regional physical development, land use control techniques, social values, and the urban landscape.

GYMNASTICS

Meetings for all those interested in gymnastics will be held next Monday and Friday from 4 to 6 p.m. at Rockwell Cage for workouts. Everybody with past experience and no experience is welcome.

IDC

Informal Dance Committee will present their November Dance, Saturday night in Walker at 8 p.m. Admission is \$1.00 per couple.

SENIORS AND GRADS

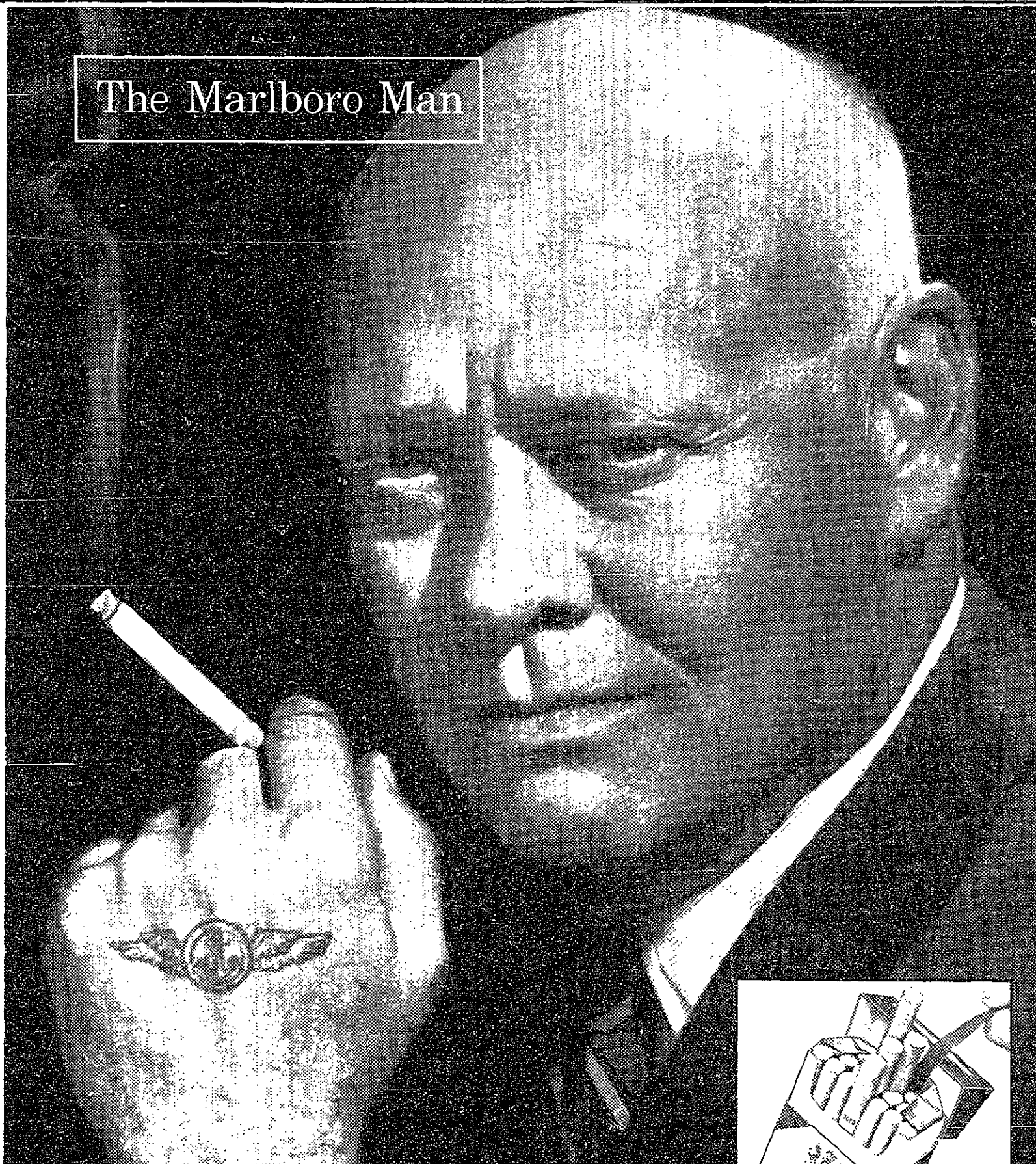
Career booklets will be distributed by APO in the lobby of Building 10 on Monday and Tuesday, November 18 and 19.

FOLK SONG FESTIVAL II

folklore society presents . . .
TONY SALETAN SHEP GINANDES
and their guest: ELLY STONE
at Jordan Hall, Sat., Nov. 16, 8:30 P.M.

Tickets \$1.25, \$1.75, \$2.50
Tickets at box office (call KE 6-8664) or at Briggs & Biggs, Harvard Sq., or Book Clearing House, 423 Boylston St., Boston

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NEW
"SELF-STARTER"
Just pull the tab slowly and the cigarettes pop up. No digging. No trouble.

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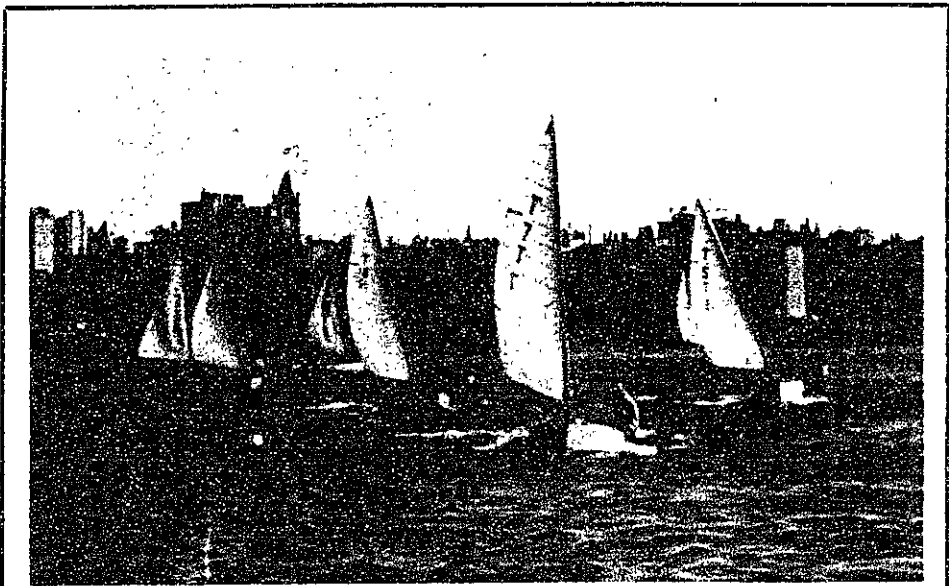


photo by Philip Fauchild
Tech Sailors on their way to victory in the semi-finals of the Fowle Regatta. MIT defeated Harvard 3-0 and will meet BU for the championship the weekend of Nov. 23rd.

NOT APPEARING
Robinhood's
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TWO ORCHESTRAS
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BAVARIAN
HOFBRAU
BAND
(Stanhope St.)
DANCING EVERY NITE
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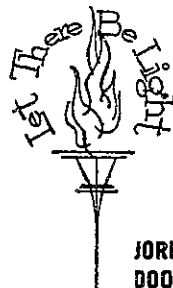
SAT., NOV. 16 8-12 P.M.

GAMBLING

C₂H₅OH

DANCING

\$2.50 COUPLE (NO STAGS)



Sunday Evening NOVEMBER 17 at 8 o'clock

Annual David K. Niles Memorial Lecture

HON. ABBA EBAN
(From the State of Israel)

"Alliances in the Middle East"

FORD HALL FORUM

JORDAN HALL — Gainsboro St. cor. Huntington Ave. — BOSTON
DOORS OPEN 7:45 P.M. EVERYBODY WELCOME

MIT Cross Country
Squad Cops 7th Spot
In NEICAAU Meet

Racing in exceptionally cold weather, MIT's cross country team placed seventh in a field of seventeen at the New England AAU Cross Country Championships Monday at Franklin Park. Top scorers were: Maine 58, UConn 69, UMass 131, Vermont 168, UNH 180, Holy Cross 200, MIT 211.

Finishing 30th of 115 starters in 22:51 was Don Oliver '60, who led the Tech forces. Following in 35th spot in 23:00 was Bob Murano '60. Duncan Ewing '58 and Captain Rod Swift '58, who have consistently turned in good performances this year, captured 47th and 48th positions in 23:16 and 23:26, respectively. Fifth man for the Beavers was Bob Cooper '58, 51st in 23:33. The other Tech starters, Glenn Bennett '58 and Bob Mullen '60 finished 71st and 75th respectively, in 24:14 and 24:25.

In the preliminary tilt Brian White became the only MIT medalist as he paced the freshman aggregation with a ninth place finish in 14:27. Also scoring were Bob Hurd, 39th in 15:43, Herb Wegener 42nd in 15:46, Lenny Conn, 60th in 16:43, and Herb Grieves, 61st in 16:46. The yearlings placed ninth of twelve as a team.

SATURDAY, NOV. 23

8:00 P.M.

ALUMNI POOL
ALL
INSTITUTE SWIM

Diving exhibition by National
Champion

Synchronized Swim Exhibition

Clown Swimming

Interclass Competition

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NOVEMBER 22, 1957

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- Accounting • Administration • Management • Auditing....Business Administration
- Physics • Mathematics • Engineering....Applied Science
- Physics • Mechanical • Electrical • Engineering Physics • Mathematics....Engineering Research and Development
- Industrial • Electrical • Mechanical • Mathematics • Physics....Manufacturing
- Physics • Engineering....Customer Engineering
- Liberal Arts • Business • Accounting • Mathematics....System Service

FACTS YOU SHOULD KNOW ABOUT IBM

IBM is the consistent leader in perhaps the one "unlimited" field in electronics—digital computer development, manufacture and sales. This leadership is based on a 43-year record of steady achievement and growth.

A variety of challenging career opportunities exist and open up continually at IBM. Company policy and company growth assure that individual merit is quickly recognized, and then translated into positions of increased responsibility. Financial rewards are excellent.

Your progress is under constant review. The IBM "small-team" work system is one reason

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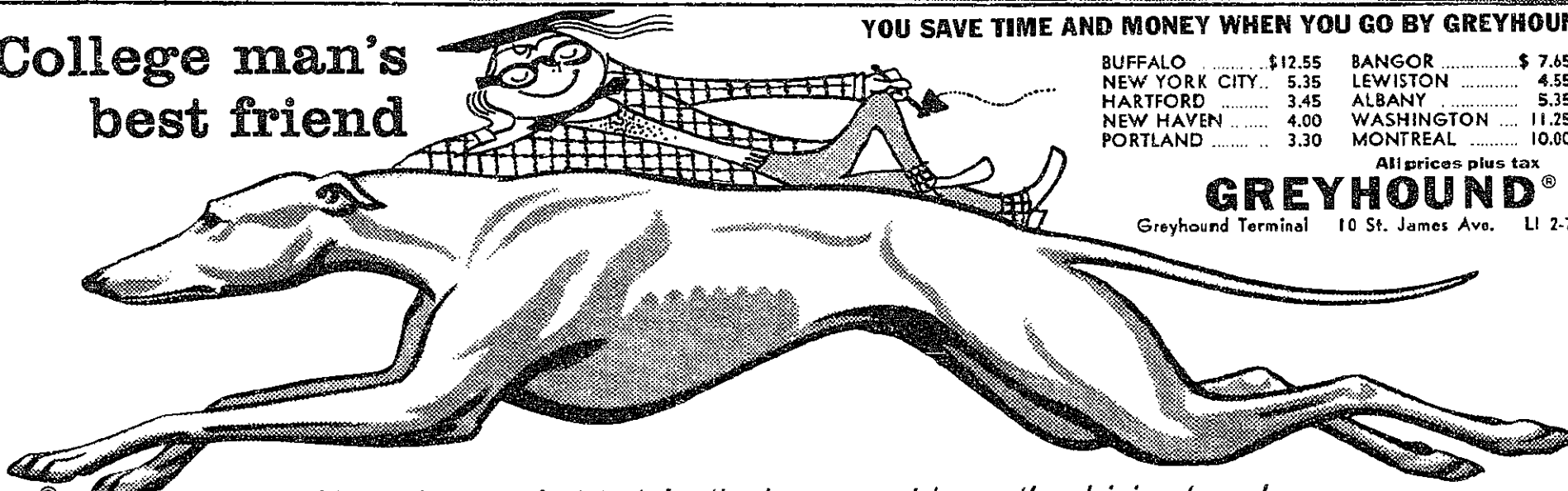
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First IM Wrestling Meet Attracts 200

Two hundred stalwart MIT men will try their wrestling abilities in the first intramural wrestling tournament this week-end. Many of the living groups have entered men in the eight weight classes, in hopes of carrying off the team trophy in this new innovation for intramural sports.

The first eliminations will be tonight in the cage, at which time the field in each division will be narrowed down to four. Tomorrow afternoon, from 1 to 4, semifinals and finals will be held for the aspiring matmen.

Weight Divisions

The weight divisions are: Under: 123, 130, 137, 147, 157, 167, 177, and unlimited. The most popular weight class seems to be the 167-pound division.

No one out for varsity or freshman wrestling is allowed to participate in the meet. Individual medals will be awarded to the winners of each class, and a team trophy to the living group which collects the most points.

Point System

The point system is: Each 1st place—10, 2nd—5, 3rd—3, 4th—1. Each pin will account for one point, and each round advanced in competition will bring a like reward.

Helping train the combatants are George Myerson, varsity coach, Jim Malony, frosh coach, and Olympic wrestler Jim Peckham.

SAE 7 -- Fiji 6

Taking advantage of several breaks in the last quarter, Sigma Alpha Epsilon edged Phi Gamma Delta 7-6 last Sunday.

The scoreless first half was marked by outstanding defensive play on the part of both teams. A standout for the Fijis was all star end Chuck Ingraham '58, who kept the elusive S.A.E. end, Pete Hohorst, from snaring any long passes. An occasional crashing Fiji linebacker also left S.A.E. quarterback Walt Humann '59 very little time to spot his targets. However, the polished S.A.E. secondary stymied any Fiji scoring attempts.

The third quarter began in much the same manner as the first half. Toward the end of this quarter, however, the Fijis developed a sustained drive by virtue of several runs by Bob Williamson '59 and pass completions from Al Beard '59 to Ingraham. At the very start of the fourth quarter, Ingraham managed to move behind the S.A.E. pass defense to make a diving catch of a pass from Beard in the end zone. The pass for the extra point, intended for Don De Reynier '60, was incomplete.

The Sailors retaliated by making considerable gains, largely on timely runs by Herman Burton '60. The real break of the game, however, came when the Sailors got possession of the ball on 1-yard line as a result of two bad passes from center on fourth downs and several contested decisions. S.A.E. then scored on a well timed delay pass from Lou Bangert '58 to Fred Browand '59, and added the extra point on a flat pass by the same combination. A booming punt by Browand and an interception by Bob Thomson '58 ended any potential Fiji retaliations.

Betas 7 -- Delts 6

Holding on to a one-point lead, Beta Theta Pi topped Delta Tau Delta in a division A final last Sunday. The game centered around rugged defensive play, although each team penetrated deep into opposing territory several times but was unable to score.

The Delts were the first to score when all star back Dan Holland '58 hit his speedy end Ernie Potter '59 with a pass that was good for pay dirt. The attempt for the all important extra point was incomplete, however. The Betas bounced right back when Robin Cross '59 completed a thirty yard pass to Warren Goodnow '59 that was good for a touchdown, and added the extra point. The Delts reached the one yard line in both the second and third quarters, but failed to score again. Subsequent Beta threats were also stopped, largely through the defensive play of Lou Giordano '58, who blocked two punts and caught several runners from behind on attempted end sweeps.

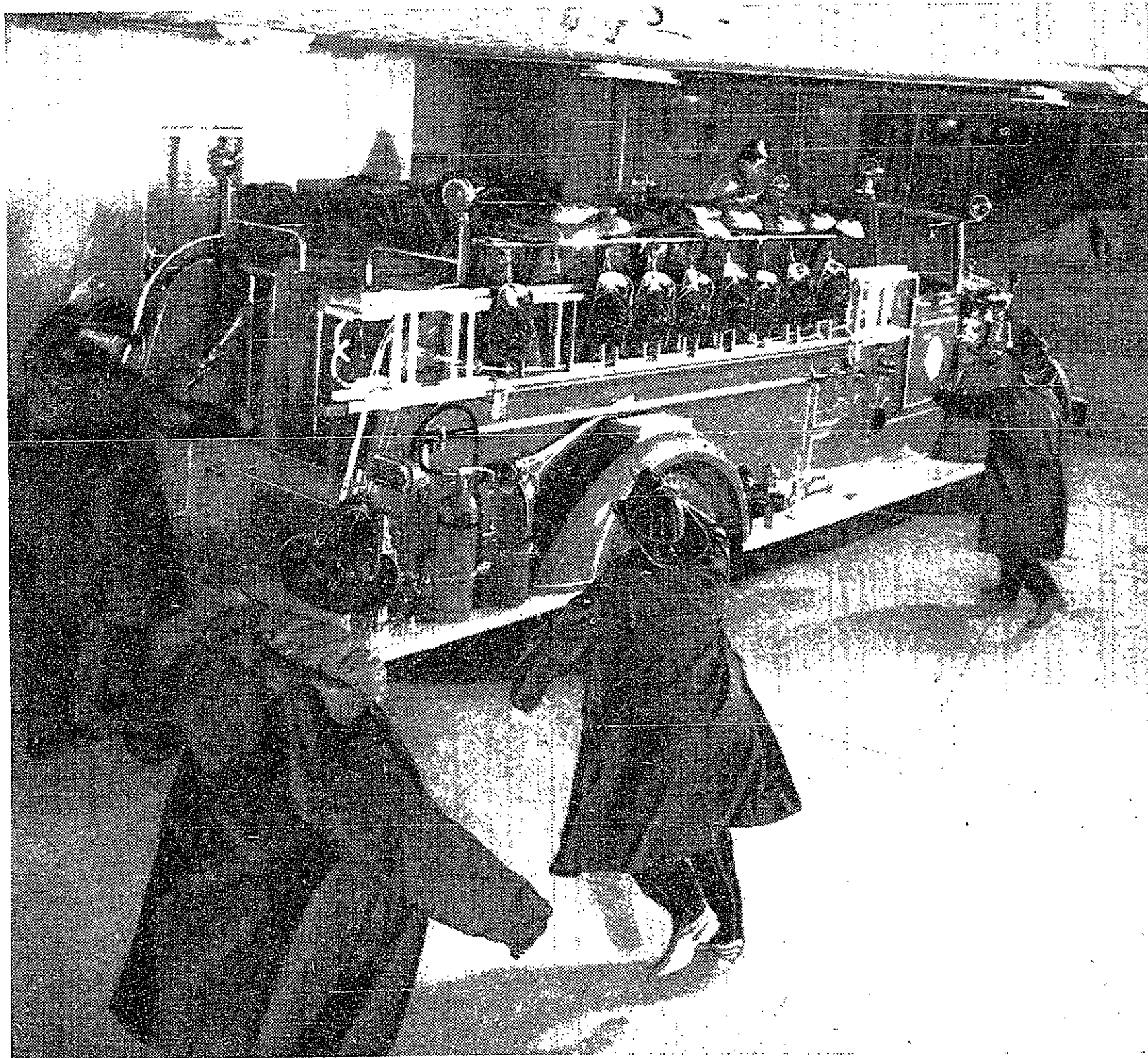
Division B

Playoff action in Division B saw The Commuters top Baker while TEP flew over the Phi Mu Delts last Saturday. The Commuter-Baker match developed into an exciting game as the underdog Commuter eight battered down first quarter Baker lead 13 to 0 to emerge as the final victors 14-13. Feeling the loss of All Star Jack Polgarian '59, the Commuter defense floundered in the first quarter as Baker pushed 13 points across. One Baker touchdown, the spectacular feat of the afternoon, was Ron Rosenberg's overhead catch on the touchdown pass from Marvin Alper '59.

On Baker's second touchdown the Commuter defense tightened to hold Baker scoreless. Meanwhile gaining a safety on a bobbled kickoff and a touchdown on a long pass up the loose middle of the 4-2-2 Baker defense from Frank Henrick '58 to halfback Charlie Beck '61, the Commuters swung into scoring position in the first half. Baker bogged down in the second half as several of their passes were intercepted. Late in the last quarter the Henrick-Beck combination again scored and molded the game for the Commuters.

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Canadian Club Tops MIT Ruggers, 17-5; Henry, Pollard Tally

Traveling to Montreal, Quebec, for their fourth game, the MIT Rugby Club lost 17-5 to the Montreal Barbarians last Saturday. Chuck Henry, G made the Tech touchdown and Ed Pollard '60 kicked the extra points.

Playing on a wet field and through a steady snow, the Techmen were necessarily caught at a disadvantage.

Montreal had won seventeen of their last eighteen games and was the champion of the Canadian semi-pro league to which it belonged. The team lived up to its reputation in the first half of play as they dominated throughout and pretty much controlled the ball. They scored four touchdowns in this half, keeping the Techmen scoreless, although they missed all tries for extra points.

Becoming more accustomed to the wet and snowy conditions, MIT came back in the second half and played even with the Barbarians. Both teams scored five points—three for a touchdown and two for the extra kick.

SOCCER

(Continued from page 1)

fast moving effort the MIT team showed excellent teamwork which obviously confused Dartmouth.

The second quarter was marked only by a Dartmouth score as their center forward headed a ball into the goal after it bounced off of the upper post of the cage.

The Green scored again early in the third quarter to tie the game. Their center forward scored again on a low pass aided by a strong favoring wind.

Breaking the tie at two minutes of the fourth quarter, Ernesto Macaya '60 took a sideline pass from Doval and put it in the net.

Dartmouth cooperated in the last beaver scoring effort, as their goalie left the goal to receive a ball headed to him by a teammate, but he misjudged the distance and the ball went in for the fourth Tech score.

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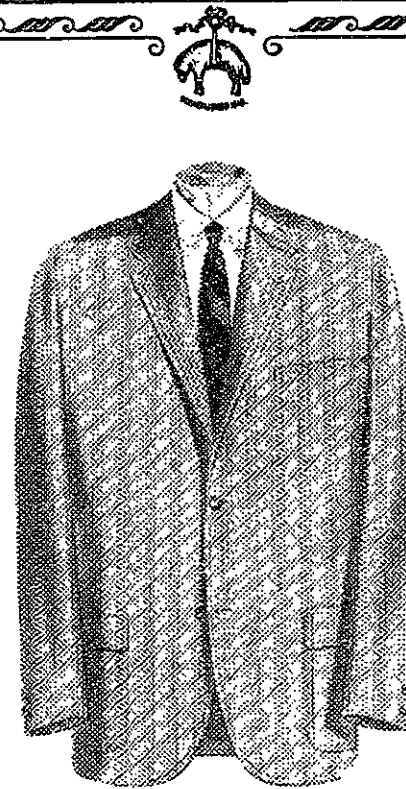
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